

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

Declaration and Power of Attorney

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I hereby claim the benefit under Title 35, United States Code, 119(e) of any United States provisional application(s) identified below:

**Provisional application No. 60/225,601 filed on August 15, 2000.**

I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **Methods and Apparatus for Providing a Broadband Tunable Source of Coherent Millimeter, Submillimeter and Infrared Radiation Utilizing a Non-Relativistic Electron Beam**, the specification of which was filed on August 15, 2001, as application no. 09/930,064.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

None

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

None

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Peter H. Priest, Registration No. 30,210

Please address all correspondence to Peter H. Priest, Priest & Goldstein, PLLC, 529 Dogwood Drive, Chapel Hill, North Carolina 27516. Telephone calls should be made to Peter H. Priest by dialing 1-919-942-1434.

Full name of sole inventor: Anissim A. Silivra

Inventor's signature G. Silivra Date 10/10/2001

Residence: 103B Stewart Lane  
Chapel Hill, NC 27514

Citizenship: Ukraine

Post Office Address: Same as above

# POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	
Filing Date	
First Named Inventor	Silivra
Title	Methods and Apparatus for Providing a Broadband Tunable Source of Coherent Millimeter, Sub-Millimeter and Infrared Radiation Utilizing a Non-Relativistic
Group Art Unit	
Examiner Name	
Attorney Docket Number	121.0001.DIV

We hereby appoint:

☒ Practitioners at Customer Number

27997

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OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

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Zip

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## SIGNATURES

of Heirs of Deceased Inventor

Name

Iryna Skuder

Signature

Date

11/06/03

Name

S.S.  
Svyatoslav Silivra

Signature

Date

11/14/03

Name

Oleksiy Silivra

Signature

Date

11/06/03

Name

Onysym Silivra

Signature

Date

11/06/03